

Docket No.: 50094-096

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hong-Da LIU

Serial No.:

Group Art Unit:

Filed: February 20, 2002

Examiner:

For: METHOD FOR THE MANUFACTURE OF A LIQUID CRYSTAL DISPLAY

#4
15 APR 02
R. Talbot

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.


The references were cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 09/298,947, filed April 26, 1999, which is relied upon for an earlier filing date under 35 USC 120.

Serial No.:

Thus, copies of these references are not attached. 37 CFR 1.98(d).

Respectfully submitted,


MCDERMOTT, WILL & EMERY

A handwritten signature in black ink, appearing to read "S. Becker", written over the printed name.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 50094-096		SERIAL NO.	
				APPLICANT Hong-Da LIU			
				FILING DATE February 20, 2002		GROUP	

1c978 U.S. PTO
 10/07/984

 02/20/02

U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	3,930,857	1/6/1976	Bendz et al.			
	5,111,240	5/5/1992	Boetiger et al.			
	5,252,415	10/12/1993	Yoshizawa et al.			
	5,596,618	1/21/1997	Ogushi			
	5,648,860	7/15/1997	Ooi et al.			
	5,777,713	7/7/998	Kimura			
	5,978,062	11/2/1999	Liang et al.			
	6,028,659	2/22/2000	Kaneko			
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	6,187,486B1	2/13/2001	Lai et al.			
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	K. Ismail, "A noel method for submicron structurization using optical projection lithography", Microelectronic Engineering Vol.1, No. 4, pp. 295-300 (1983).
	M.J. Cole et al., "Moving fiber/phase mask-scanning beam technique for enhanced flexibility in producing fibre gratings with uniform phase mask", Electronic Letter, 17th Aug. 1995, Vol. 31, No. 17, pp. 1488-1490 (1995).
	O. Tabata et al., "Moving mask Liga (M ² LIA) process for control of side wall inclination", Micro-Electro Mechanical System, 1999, MEMS 1999, The 12 th IEEE International Conference, pp. 252-256 (1999).
EXAMINER	DATE CONSIDERED